

NOV 18 1999
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Yi-Qun Li, Robert C. O'Handley, Gerald F. Dionne,
and Chun Zhang

Application No.:

09/358,177

Group: 2857

Filed:

July 20, 1999

Examiner: Unknown

For:

PASSIVE SOLID-STATE MAGNETIC FIELD SENSORS
AND APPLICATIONS THEREFOR

| | |
|---|----------------------|
| CERTIFICATE OF MAILING | |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 | |
| on <u>11/15/99</u> | <u>Claudia Fager</u> |
| Date | Signature |
| <u>CLAUDIA FAGER</u> | |
| Typed or printed name of person signing certificate | |

REPLY TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In reply to the Notice to File Missing Parts dated August 13, 1999, the following documents and fees are being submitted for filing in the captioned application:

☒ **EXECUTED DECLARATION/POWER OF ATTORNEY** - A copy of the Notice is attached.

(Separate transmittal letter and postcard not required)

☒ **FILING FEE** - with Fee Transmittal for Patent Applications in duplicate.

(Separate transmittal letter and postcard not required)

☒ **SURCHARGE** - surcharge fee of \$ 65.

(Separate transmittal letter and postcard not required)

☐ **SEQUENCE LISTING** - Filed concurrently and is attached.

(Separate transmittal letter and postcard required)

[X] PETITION FOR EXTENSION OF TIME

[X] Applicant hereby petitions to extend the time to respond to the Notice to File Missing Parts dated August 13, 1999 for one month from October 13, 1999 to November 13, 1999. The appropriate fee of \$55 is included in the enclosed check.

[] A [] month extension of time to respond to the Notice to File Missing Parts dated [] was filed on [] with payment of a \$[] fee.

[] Applicant hereby petitions for an additional [] month extension of time to respond to the Notice to File Missing Parts. The appropriate fee of \$[] is included in the enclosed check.

(Separate Petition for Extension of Time and postcard not required)

[] REQUEST FOR CORRECTED FILING RECEIPT - Filed concurrently and is attached.

(Separate transmittal letter and postcard required)

[X] VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS

[] Was filed on [].

[X] Is enclosed herewith. (Fax copy)

(Separate transmittal letter and postcard not required)

[] In view of the small entity status of the captioned application, we hereby request a reimbursement of 50% of the filing fees in the amount of \$[] which were paid on [] to be deposited in Deposit Account No. 08-0380.

The fees required for filing the indicated documents are enclosed in the form of a check in the total amount of \$617. Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By 

J. Grant Houston

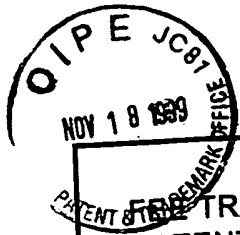
Registration No.: 35,900

Tel.: (781) 861-6240

Fax: (781) 861-9540

Lexington, Massachusetts 02421-4799

Date: 11/15/99



HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

TRANSMITTAL FOR PATENT APPLICATIONS

Attorney Docket Number

SPIN98-01pA

Application Number

09/358,177

First Named Inventor

Yi-Qun Li

CLAIM CALCULATION (includes any preliminary amendment)

| CLAIMS | (1) FOR | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE | (5) CALCULATIONS |
|--------|---|------------------|------------------|--------------------------------------|------------------|
| | TOTAL CLAIMS (37 CFR 1.16(c) or (j)) | 7 - 20* = | 0 | x \$ 18 = | \$ 0 |
| | INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i)) | 6 - 3** = | 3 | x \$ 78 = | \$ 234 |
| | MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) | | | + \$ 260 = | \$ |
| | | | | BASIC FEE (37 CFR 1.16(a) or (h)) | \$ 760 |
| | | | | Total of above Calculations = | \$ 994 |
| | Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) = | | | | \$ 497 |
| | | | | TOTAL = | \$ 497 |
| | Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) = | | | | \$ 65 |
| | Petition for Extension of Time Fee (37 C.F.R. 1.17) = | | | | \$ 55 |
| | Assignment Recordation Fee = (only when filed with application) | | | | \$ |
| | | | | TOTAL = | \$ 617 |

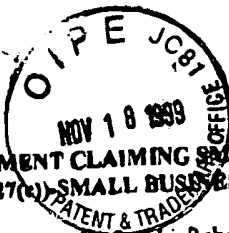
* Reissue claims in excess of 20 and over original patent
** Reissue independent claims over original patent

1. Small entity status:

a. ☒ A small entity statement is enclosed.b. ☐ A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.c. ☐ Is no longer claimed.2. ☒ A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.3. ☒ A check is enclosed for \$617. ☐ Please charge \$[] to Deposit Account No. 08-0380.4. ☐ Other: _____

| | | | |
|---------------------------------------|------------------|-------------|----------|
| Signature | | Date | 11/15/98 |
| Submitted by Typed or Printed Name | J. Grant Houston | Reg. Number | 35,900 |

SENI DT-113300



VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS
 (37 CFR 1.9(d) & 1.27(e)) **SMALL BUSINESS CONCERN**

DOCKET NUMBER: SPIN98-01PA

Applicant or Patentee: Yi-Qun Li, Robert C. O'Hendley, Gerald F. Dionne, and Chun Zhang
 Serial or Patent No.: 07/358,177
 Filed or Issued: July 20, 1999
 Title: PASSIVE SOLID-STATE MAGNETIC FIELD SENSORS AND APPLICATIONS THEREFOR

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN Spinix Corporation
 ADDRESS OF SMALL BUSINESS CONCERN 43 Buena Vista Street, Suite 301
Devens, MA 01432

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 37 CFR 121.12 and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

- ☐ the specification filed herewith with title as listed above.
☒ the application identified above.
☐ the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements averring to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization having any rights in the invention is listed below:

- ☒ no such person, concern, or organization exists.
☐ each such person, concern or organization is listed below.

Separate verified statements are required from each named person, concern, or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Yi-Qun Li, Ph.D.

TITLE OF PERSON IF OTHER THAN OWNER President

ADDRESS OF PERSON SIGNING Spinix Corporation, 43 Buena Vista Street, Suite 301, Devens, MA 01432

SIGNATURE *Yi-Qun Li* DATE 11-15-99

::ODMAN\MHODMAN\MANAGE;94407;1



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

| | | | |
|--------------------|---------------------|-----------------------|---------------------------|
| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NO./TITLE |
|--------------------|---------------------|-----------------------|---------------------------|

09/358,177 07/20/99 LI

SPRING-TRIPA

0232/0813

J GRANT HOUSTON ESQUIRE
HAMILTON BROOK SMITH & REYNOLDS PC
TWO MILITIA DRIVE
LEXINGTON MA 02421-4799

NOT ASSIGNED

2857

DATE MAILED:

08/13/99

NOTICE TO FILE MISSING PARTS OF APPLICATION

Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a

☐ small entity (statement filed) ☒ non-small entity is \$ 1121.00

☒ 1. The statutory basic filing fee is:

- ☐ missing.
☐ insufficient.

Applicant must submit \$ 761.00 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. Additional claim fees of \$ _____, including any multiple dependent claim fees, are required.

\$ 244.00 for 3 independent claims over 3.

\$ _____ for _____ dependent claims over 20.

\$ _____ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☒ is missing or unexecuted.
☐ does not cover the newly submitted items.
☐ does not identify the application to which it applies.
☐ does not include the city and state or foreign country of applicant's residence.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application does not comply with the Sequence Rules.

See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the reply.

Customer Service Center

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300.00
65.00
117.00